

# EAST Search History

R.A.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	820	koji near3 shimizu	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:26
S2	580	ito near2 akihiko	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:32
S3	19	S1 & S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:33
S4	1447	345/100.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 13:32
S5	258695	(select\$4 near4 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:34
S6	609	S4 & S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:35
S7	375817	(select\$4 near3 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:38
S8	114102	S5 & S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:38
S9	486	S4 & S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:38
S10	63623	(de\$1multiplex\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:47
S11	381559	(de\$1multiplex\$4   multiplex\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:39

## EAST Search History

S12	134	S9 & S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:43
S13	17554	((data   video) near3 line near3 select\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:43
S14	1739	S11 same S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:44
S15	170	S10 same S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:44
S16	367645	(tim\$3 near3 generat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:44
S17	1238778	((tim\$3   signal\$3) near3 generat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:45
S18	3	S15 same S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:45
S19	13	S15 same S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 08:45
S20	304	S4 & S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 09:06
S21	52	S4 & S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 09:09
S22	2	"6980195".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 09:31
S23	9	"2325329"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 09:31
S24	1	1998-560245.NRAN.	DERWENT	OR	OFF	2006/09/12 09:35

## EAST Search History

S25	1	"5170158".pn.	DERWENT	OR	OFF	2006/09/12 09:43
S26	17826	(data near3 driv\$3)	DERWENT	OR	OFF	2006/09/12 09:43
S27	244	S11 same S26	DERWENT	OR	OFF	2006/09/12 09:43
S28	46	S10 same S26	DERWENT	OR	OFF	2006/09/12 09:46
S29	71	S10 & S26	DERWENT	OR	OFF	2006/09/12 09:46
S30	25	S29 not S28	DERWENT	OR	OFF	2006/09/12 09:51
S31	25321	((data   column   video) near3 (driv\$3))	DERWENT	OR	OFF	2006/09/12 13:26
S32	89	S10 & S31	DERWENT	OR	OFF	2006/09/12 09:51
S33	18	S32 not S29	DERWENT	OR	OFF	2006/09/12 09:53
S34	312	S5 same S31	DERWENT	OR	OFF	2006/09/12 09:55
S35	73899	(switch\$3 near3 signal\$1)	DERWENT	OR	OFF	2006/09/12 13:35
S36	9	S34 & S35	DERWENT	OR	OFF	2006/09/12 09:55
S37	51	S31 & (S5   S11) & S35	DERWENT	OR	OFF	2006/09/12 13:34
S38	75221	((signal   image   display) near3 (driv\$3))	DERWENT	OR	OFF	2006/09/12 13:30
S39	243	S38 & (S5   S11) & S35	DERWENT	OR	OFF	2006/09/12 13:28
S40	0	"345"/\$!.ccls.	DERWENT	OR	OFF	2006/09/12 13:28
S41	0	"345"/\$!.ccls.	DERWENT	OR	OFF	2006/09/12 13:29
S42	0	("345"/\$!).ccls.	DERWENT	OR	OFF	2006/09/12 13:29
S43	0	"345"/\$3.ccls.	DERWENT	OR	OFF	2006/09/12 13:29
S44	425616	((signal   image   display) near3 (driv\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 13:31
S45	518914	((signal   image   display   data   column) near3 (driv\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:47
S46	76726	"345"/\$!.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 13:32
S47	9441	S10 & S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 13:32
S48	1677	S10 same S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 13:32

## EAST Search History

S49	397814	(switch\$3 near3 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:49
S50	175	S45 & (S5   S10) & S49	DERWENT	OR	OFF	2006/09/12 14:19
S51	11	S45 & S10 & S49	DERWENT	OR	OFF	2006/09/12 14:20
S52	4	"5051739".pn.   "5712653".pn.   "5870071".pn.   "6232939".pn.	DERWENT	OR	OFF	2006/09/12 14:07
S53	1361	signal\$1 near3 (both   oppos\$4) near4 (end\$1   side\$1)	DERWENT	OR	OFF	2006/09/12 14:08
S54	27	(supply\$3 near3 signal\$1 near3 (both   oppos\$4) near4 (end\$1   side\$1))	DERWENT	OR	OFF	2006/09/12 14:20
S55	23962	S45 & (S5   S10) & S49	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/09/12 14:19
S56	3405	S45 & S10 & S49	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/12 14:21
S57	166	(supply\$3 near3 signal\$1 near3 (both   oppos\$4) near4 (end\$1   side\$1))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/12 14:20
S58	1	S56 & S57	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/12 14:20
S59	173	S46 & S56	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/12 14:33
S60	2	"6566643".pn.   "6650462".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/09/12 14:34
S61	633113	((signal   image   display   data   column   source) near3 (driv\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:47
S62	64548	(de\$1multiplex\$4   de\$1mux\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:47
S63	1430364	((switch\$3   control\$4) near3 signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:49

## EAST Search History

S64	8025	S61 & S62 & S63	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:49
S65	425	S46 & S64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 14:50
S66	252	S65 not S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:21
S67	219691	(control near3 signal\$1 near3 generat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:23
S68	1704	((control near3 signal\$1 near3 generat\$3) same ((both   oppos\$4) near4 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:32
S69	602	S61 & S68	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:24
S70	164	S61 same S68	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:24
S71	5	((supply\$3   feed\$3   provid\$3   deliver\$3 ) near6 (control near3 signal\$1 near3 generat\$3) near6 ((both   oppos\$4) near4 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:35
S72	81	((supply\$3   feed\$3   provid\$3   deliver\$3 ) near6 (control near3 signal\$1 near3 generat\$3) same ((both   oppos\$4) near4 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:41
S73	58	((supply\$3   feed\$3   provid\$3   deliver\$3 ) near6 (signal\$1 near3 generat\$3) near4 ((both   oppos\$4) near4 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:43
S74	53	S73 not S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:42

## EAST Search History

S75	1212	((supply\$3   feed\$3   provid\$3   deliver\$3 ) near6 (signal\$1) near4 ((both   oppos\$4) near4 (end\$1   side\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 17:17
S76	76726	"345"/\$!.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:59
S77	53	S75 & S76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 16:59
S78	854	((supply\$3   feed\$3   provid\$3   deliver\$3 ) near6 (signal\$1) near4 ((first & second) near4 (end\$1   side\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 17:01
S79	35	S76 and S78	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 17:01
S80	9	("5745087"   "5748164"   "6160535"   "6169532").PN. OR ("6262702").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 17:14
S81	9	((supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj signal\$1) near4 ((both   oppos\$4) near4 (end\$1   side\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:51
S82	0	((supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj signal\$1) near4 ((first & second) near4 (end\$1   side\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 17:28
S83	0	((supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj signal\$1) near4 ((first & second) same (end\$1   side\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 09:17
S84	15	("5686936"   "5708454"   "5764207"   "5801673"   "5959600"   "6037923"   "6072457").PN. OR ("6531996").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 17:58
S85	60	((supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj signal\$1) same ((both   oppos\$4) near4 (end\$1   side\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 18:10
S86	51	S85 not S81	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/12 18:10

## EAST Search History

S87	3	((supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj signal\$1) near4 ((both   oppos\$4) near4 (terminal\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:37
S88	1	((supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj signal\$1) near4 ((first & second) same (terminal\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:39
S89	18	(re\$1enforc\$3 near3 signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:41
S90	1284	(control\$4 near6 (("same" adj signal\$1   pulse\$1   voltage\$1) near4 (first & second) same (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:44
S91	5	(control\$4 near6 (("same" adj signal\$1) near4 ((both   oppos\$4) near4 (end\$1   side\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:44
S92	2	(control\$4 near6 (("same" adj (signal\$1   pulse\$1   voltage\$1)) near4 (first & second) same (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:48
S93	9	(control\$4 near6 (("same" adj (signal\$1   voltage\$1   pulse\$1)) near4 ((both   oppos\$4) near4 (end\$1   side\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:47
S94	13	(generat\$4 near6 (("same" adj (signal\$1   voltage\$1   pulse\$1)) near4 ((both   oppos\$4) near4 (end\$1   side\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:48
S95	1	(generat\$4 near6 (("same" adj (signal\$1   pulse\$1   voltage\$1)) near4 (first & second) same (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 08:48
S96	106	((generat\$4   supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj3 (signal\$1   puls\$3   voltage\$1)) near4 ((both   oppos\$4) near4 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 09:23
S97	7	("5686936"   "5973658"   "6163310"   "6369786"   "6437767"   "6456353").PN. OR ("6670940").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/13 09:14

## EAST Search History

S98	5	((generat\$4   supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj (signal\$1   puls\$3   voltag\$3)) near4 ((first & second) same (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 09:22
S99	21	((generat\$4   supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj (signal\$1   puls\$3   voltag\$3)) near4 ((first & second) same (end\$1   side\$1   terminal\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 09:22
S100	150	((generat\$4   supply\$3   feed\$3   provid\$3   deliver\$3   apply\$3) near6 ("same" adj3 (signal\$1   puls\$3   voltage\$1)) near4 ((both   oppos\$4) near4 (end\$1   side\$1   terminal\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 09:23
S101	16	S99 not S98	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 09:24
S102	44	S100 not S96	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 12:34
S103	17122	(345/87-100,204-213,690-699).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 13:09
S104	652	((signal near4 line\$1) same "same" same width\$1 same length\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:07
S105	107	((signal near4 line\$1) with "same" with width\$1 with length\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:31
S106	80318	"345"/\$!.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:28
S107	20	S105 & S106	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:28
S108	41	((wiring near4 line\$1) with "same" with width\$1 with length\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:32



## EAST Search History

S10 9	2	S106 & S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:31
S11 0	270	((wiring) with "same" with width\$1 with length\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:36
S11 1	10	S106 & S110	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:33
S11 2	736	((wir\$3) with "same" with width\$1 with length\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:44
S11 3	6	(S106 & S112) not (S111   S109   S107)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:44
S11 4	2735	((line\$1) with "same" with width\$1 with length\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:44
S11 5	42	(S106 & S114) not (S113   S111   S109   S107)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/16 17:44
S11 6	3263	((((signal near4 line\$1)   wir\$4) with ("same"   identical\$3   equivalent) with (di\$1mension\$1   (width\$1 same length\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:12
S11 7	247	((signal near4 line\$1) with ("same"   identical\$3   equivalent) with (di\$1mension\$1   (width\$1 same length\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:53
S11 8	80441	"345"/\$!..cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:50
S11 9	29	S117 & S118	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:50
S12 0	204	((data near4 line\$1) with ("same"   identical\$3   equivalent) with (di\$1mension\$1   (width\$1 same length\$1))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:54

## EAST Search History

S12 1	21	(S118 & S120) not S117	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 15:54
S12 2	18026	345/87-100,204-213,690-699.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/19 11:08
S12 3	108141	((multiplex\$3   de\$1multiplex\$3   select\$3) with ((data   signal) near3 (line\$1   wir\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 18:54
S12 4	3639	345/98-100.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 18:54
S12 5	1494	S123 & S124	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 18:54
S12 6	56612	((multiplex\$3   de\$1multiplex\$3   select\$3) with (select\$3 near4 ((data   signal) near3 (line\$1   wir\$3))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 18:58
S12 7	1068	S124 & S126	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 18:57
S12 8	9666	((((data   signal) near3 (line\$1   wire\$1)) near4 (select\$3 near4 circuit\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:54
S12 9	407629	(multiplex\$3   de\$1multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 18:59
S13 0	641	S128 same S129	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:18
S13 1	9	S124 & S130	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:18

## EAST Search History

S13 2	38	("3668688"   "3787834"   "4036553"   "4110662"   "4317115"   "4395709"   "4427997"   "4468659"   "4471347"   "4574280"   "4600274"   "4602292"   "4613855"   "4633242"   "4644338"   "4646074").PN. OR ("5028916"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/16 19:17
S13 3	291198	(select\$3 near3 signal\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/16 19:18
S13 4	353	S128 same S129 same S133	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:18
S13 5	4	S124 & S134	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:38
S13 6	515	((selection near3 signal\$1) same (both near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:51
S13 7	22	S128 same S136	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:52
S13 8	313	((selection near3 signal\$1) same (first near3 (end\$1   side\$1)) same (second near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:51
S13 9	3	S128 same S138	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:52
S14 0	11652	((column   source   data   signal) near3 (line\$1   wire\$1)) near4 (select\$3 near4 circuit\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:54
S14 1	30	(S136   S138) same S140	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:55
S14 2	5	S141 not (S137   S139)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:59

## EAST Search History

S14 3	2	"20010022565".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/16 19:59
S14 4	1975870	((first near3 (end\$1   side\$1)) with (second near3 (end\$1   side\$1)))   (both near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 12:39
S14 5	579216	((column   source   signal   data) near3 driv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 12:40
S14 6	11484	S144 same S145	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 12:40
S14 7	3645	345/98-100.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 12:41
S14 8	243	S146 & S147	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 12:52
S14 9	456559	(select\$3 near3 (signal\$1   wire\$1   lines))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 12:53
S15 0	2188	S144 with S149	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:53
S15 1	30	S147 & S150	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 13:53

## EAST Search History

S15 2	141	("4010322"   "4258387"   "4336524"   "4573766"   "4630895"   "4634225"   "4636866"   "4695129"   "4704740"   "4814876"   "4837817"   "4856045"   "4856088"   "4873576"   "4916441"   "4923285"   "4928300"   "4934773"   "4952032"   "4958915"   "4959642"   "4977456"   "5003300"   "5008658"   "5008788"   "5023931"   "5042918"   "5048077"   "5077784"   "5079627"   "5088806"   "5106179"   "5111498"   "5122880"   "5132825"   "5138312"   "5162828"   "5164833"   "5164980"   "5185712"   "5189632"   "5204660"   "5206749"   "5220366"   "5224198"   "5239665"   "5256562"   "5258325"   "5260625"   "5280372"   "5281957"   "5300788"   "5300976"   "5305244"   "5311206"   "5317236"   "5321416"   "5325429"   "5331333"   "5335276"   "5347378"   "5347400"   "5362671"   "5371493"   "5376979"   "5381179"   "5381309"   "5398043"   "5402143"   "5404580"   "5412396"   "5416496"   "5422656"   "5432358"   "5440197"   "5444557"   "5467215"   "5469278"   "5483285"   "5485285"   "5485504"   "5486708"   "5486946"   "5495287"   "5515424"   "5528285"   "5537129"   "5539554"   "5541640"   "5548271"   "5549747"   "5550754"   "5561538"   "5584070"   "5585948"   "5596451"   "5608553"   "5634080"   "5640174"   "5642129"   "5646432"   "5666133"   "5673059"   "5682214"   "5684354"   "5691783"   "5694147"   "5726671"   "5734875"   "5748237"   "5757445"   "5761485"   "5767828"   "5777594"   "5806950"   "5812101"   "5815126"   "5815228"   "5818634"   "5821911"   "5867795"   "5889567"   "5892325"   "5920298"   "5926161").PN. OR ("5929958"   "6007209").PN. OR ("6232937").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/17 14:39
----------	-----	--	------------------------------	----	-----	------------------

## EAST Search History

S15 3	408011	(multiplex\$3   de\$1multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 14:40
S15 4	456559	(select\$3 near3 (signal\$1   wire\$1   lines))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 14:41
S15 5	1975870	((first near3 (end\$1   side\$1)) with (second near3 (end\$1   side\$1)))   (both near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:24
S15 6	2188	S154 with S155	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 14:43
S15 7	87	S153 same S156	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 14:44
S15 8	1	2005-247898.NRAN.	DERWENT	OR	OFF	2007/05/17 15:27
S15 9	6323	(time near3 division near3 multiplex\$3)	DERWENT	OR	OFF	2007/05/17 15:28
S16 0	149	S154 same S159	DERWENT	OR	OFF	2007/05/17 15:30
S16 1	0	S155 same S160	DERWENT	OR	OFF	2007/05/17 15:30
S16 2	0	S155 & S160	DERWENT	OR	OFF	2007/05/17 15:29
S16 3	0	"345"/\$!.cccls.	DERWENT	OR	OFF	2007/05/17 15:38
S16 4	149	S154 same S159	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:32
S16 5	0	S155 same S160	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:30
S16 6	6357	(de\$1mux   de\$1multiplex\$3) same ((data   signal   source   column) near3 (line\$1   wires\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:34
S16 7	861	S154 same S166	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:34

## EAST Search History

S16 8	6	S155 same S167	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:34
S16 9	83727	"345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:38
S17 0	89	S167 & S169	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 15:38
S17 1	2507	((de\$1mux   de\$1multiplex\$3) near3 (control\$4 near3 signal\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:08
S17 2	10	S155 same S171	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:09
S17 3	1255	((de\$1mux   de\$1multiplex\$3) near3 (generat\$4 near3 signal\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:11
S17 4	1	S155 same S173	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:13
S17 5	22351	((de\$1mux   de\$1multiplex\$3) near3 (signal\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:11
S17 6	243	S155 same S175	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:15
S17 7	0	S163 & S176	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:16
S17 8	5	S169 & S176	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:22
S17 9	230651	(select\$3 near3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 17:05

## EAST Search History

S18 0	2264	S155 same S179	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:24
S18 1	1444	((select\$3 near3 circuit\$2) with ((both   second) near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:07
S18 2	3	S175 same S181	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/17 17:06
S18 3	483	((supply\$3   provid\$3   feed\$3) near3 (signal\$1) near3 ((both   oppos\$3) near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:31
S18 4	103473	((selection   selecting) near3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:14
S18 5	170201	((selection   selecting) near3 circuit\$2)   de\$1mux   de\$1multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:29
S18 6	3	S183 same S185	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:17
S18 7	24	S183 & S185	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:17
S18 8	21	S187 not S186	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:18
S18 9	150304	((selection   selecting   decid\$3   decision   choos\$3   de\$1mux   de\$1multiplex\$3) near3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:44
S19 0	580	((supply\$3   provid\$3   feed\$3) near3 (signal\$1   data) near3 ((both   oppos\$3) near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:53
S19 1	2	S189 same S190	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:32



## EAST Search History

S19 2	8	(S189 & S190) not (S186   S187)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:45
S19 3	189984	((selection   selecting   decid\$3   decision   choos\$3   de\$1mux   de\$1multiplex\$3   mux   multi\$1plex\$3) near3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:54
S19 4	12	(S190 & S193) not (S186   S187   S192)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:55
S19 5	1303	((supply\$3   provid\$3   feed\$3) near3 (signal\$1   data) near3 ((both   oppos\$3   each   second) near3 (end\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:25
S19 6	232544	((selection   selecting   decid\$3   decision   choos\$3   de\$1mux   de\$1multiplex\$3   mux   multi\$1plex\$3) near3 (circuit\$2   driv\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:55
S19 7	86	(S195 & S196) not (S186   S187   S192   S194)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 10:56
S19 8	5	(S195 same S196) not (S186   S187   S192   S194)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:03
S19 9	81	S197 not (S186   S187   S192   S194   S198)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:21
S20 0	6	("6229506"   "2002003718").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:18
S20 1	233	((selection   selecting) near3 (signal\$1   line\$1)) with ((both   opposi\$3   each) near3 (end\$1   sides)) with ((select\$2 near3 circuit\$2)   circuit\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 12:36
S20 2	232	S201 not (S186   S187   S192   S194   S198   S199)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 12:37

## EAST Search History

S20 3	83727	"345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:21
S20 4	13	S203 & S202	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:21
S20 5	150	((((timing   select\$3   control) near3 (signal\$1   line\$1)) with ((both   opposi\$3   each) near3 (end\$1   sides)) with ((select\$2 near3 circuit\$2)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:44
S20 6	5	S203 & S205	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:29
S20 7	197	((((timing   select\$3   control) near3 (signal\$1   line\$1)) with ((both   opposi\$3   each) near3 (end\$1   sides   terminal\$1)) with ((select\$2 near3 circuit\$2)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:44
S20 8	8	S203 & S207	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:44
S20 9	3	S208 not S206	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 11:45
S21 0	334	((((selection   selecting) near3 (signal\$1   line\$1)) with ((both   opposi\$3   each) near3 (end\$1   sides   terminal\$1)) with ((select\$2 near3 circuit\$2)   circuit\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:04
S21 1	23	S203 & S210	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 12:37
S21 2	22	S211 not (S186   S187   S192   S194   S198   S199)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:09
S21 3	1491	((((selection   selecting) near3 (signal\$1   line\$1)) with ((both   opposi\$3   each   second) near3 (end\$1   sides   terminal\$1)) with ((select\$2 near3 circuit\$2)   circuit\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:09

## EAST Search History

S21 4	117	S203 & S213	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:09
S21 5	92	S214 not (S186   S187   S192   S194   S198   S199   S211)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:24
S21 6	4603	((data   signal   source   column) near3 line near3 switch\$3 near3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:39
S21 7	773	((supply\$3   provid\$3   feed\$3) near3 (signal\$1   data) near3 ((both   oppos\$3   each) near3 (end\$1   side\$1   terminal\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:28
S21 8	1	S216 with S217	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:29
S21 9	1	S216 same S217	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:27
S22 0	3	S216 & S217	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:27
S22 1	36001	((signal\$1   data) near3 ((both   oppos\$3   each) near3 (end\$1   side\$1   terminal\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:28
S22 2	9	S216 with S221	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:31
S22 3	8	(S216 same S221) not S222	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:33
S22 4	214	(S216 & S221) not (S222   S223)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:34
S22 5	50	S203 & S224	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:34

## EAST Search History

S22 6	4607	((data   signal   source   column   de\$1mux   demultiplex\$3) near3 line near3 switch\$3 near3 circuit\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:40
S22 7	1	S217 with S226	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:41
S22 8	1	S217 same S226	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:41
S22 9	3	S217 & S226	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/21 13:41
S23 0	18857	(345/87-100,204-213,690-699).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/23 15:30
S23 1	263	((((supply\$3   feed\$3   provid\$3) near4 (select\$3 near3 signal\$1)) & (((first near3 (end\$1   side\$1   terminal\$1)) & (second near3 (end\$1   side\$1   terminal\$1)))   (oppos\$3 near4 (end\$1   side\$1   terminal\$1))))).clm.	US-PGPUB	OR	OFF	2007/05/23 15:35
S23 2	277	((((supply\$3   feed\$3   provid\$3) near4 (select\$3 near3 signal\$1)) & (((first near3 (end\$1   side\$1   terminal\$1)) & (second near3 (end\$1   side\$1   terminal\$1)))   ((oppos\$3   both) near4 (end\$1   side\$1   terminal\$1))))).clm.	US-PGPUB	OR	OFF	2007/05/23 15:36
S23 3	76	((((supply\$3   feed\$3   provid\$3) near4 (select\$3 near3 signal\$1)) same (((first near3 (end\$1   side\$1   terminal\$1)) & (second near3 (end\$1   side\$1   terminal\$1)))   ((oppos\$3   both) near4 (end\$1   side\$1   terminal\$1))))).clm.	US-PGPUB	OR	OFF	2007/05/23 15:51
S23 4	5	((data near3 line near3 (select\$3  switch\$3)) & (((supply\$3   feed\$3   provid\$3) near4 (select\$3 near3 signal\$1)) same (((first near3 (end\$1   side\$1   terminal\$1)) & (second near3 (end\$1   side\$1   terminal\$1)))   ((oppos\$3   both) near4 (end\$1   side\$1   terminal\$1))))).clm.	US-PGPUB	OR	OFF	2007/05/23 15:55

## EAST Search History

S23 5	18	((data near3 line near3 (select\$3  switch\$3)) & (((supply\$3   feed\$3   provid\$3) near4 (select\$3 near3 signal\$1))) & (((first near3 (end\$1   side\$1   terminal\$1)) & (second near3 (end\$1   side\$1   terminal\$1))))   ((oppos\$3   both) near4 (end\$1   side\$1   terminal\$1))))).clm.	US-PGPUB	OR	OFF	2007/05/23 16:01
S23 6	40	((data near3 line near3 (select\$3  switch\$3)) & (((supply\$3   feed\$3   provid\$3) near4 (select\$3 near3 signal\$1))) & (((first near3 (end\$1   side\$1   terminal\$1)) & (second near3 (end\$1   side\$1   terminal\$1))))   ((oppos\$3   both) near4 (end\$1   side\$1   terminal\$1))))).clm.	US-PGPUB; USPAT	OR	OFF	2007/05/23 16:01
S23 7	22	S236 not S235	US-PGPUB; USPAT	OR	OFF	2007/05/23 16:02
S23 8	150468	((data   source   signal   column) near3 (switch\$3   select\$3) near3 (circuit\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 12:12
S23 9	3529	((supply\$3   feed\$3   provid\$3) near3 (signal\$1   line\$1) near4 (both   oppos\$4   each) near3 (end\$1   terminal\$1   side\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 10:54
S24 0	3784	((supply\$3   feed\$3   provid\$3) near3 (signal\$1   line\$1) near4 ((both   oppos\$4   each) near3 (end\$1   terminal\$1   side\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 10:55
S24 1	21	S238 same S240	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 11:11
S24 2	209	(S238 & S240) not S241	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 11:11
S24 3	83912	"345"/\$!.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 11:12
S24 4	31	S242 & S243	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 11:12

## EAST Search History

S24 5	7768	((de\$1mux   de\$1multiplex\$3) near3 (circuit\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:43
S24 6	0	S240 same S245	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 12:14
S24 7	4	S240 & S245	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:10
S24 8	34	((signal near3 (line\$1   wir\$3   trace\$1   lead\$1)) near3 (("same"   equal) near4 (width\$1 near4 length\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:37
S24 9	69813	(de\$1mux   de\$1multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:44
S25 0	912	S238 same S249	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:44
S25 1	35927	((("same"   equal   equivalen\$2) near4 (width\$1 near4 length\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:40
S25 2	40	S250 & S251	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:39
S25 3	0	S250 same S251	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:39
S25 4	1850	((line\$1   wir\$3   trace\$1) near6 (("same"   equal   equivalen\$2) near4 (width\$1 near4 length\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:08
S25 5	35	S250 & S254	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:45
S25 6	7826	((d\$2mux   de\$1multiplex\$3) near3 (circuit\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:43

## EAST Search History

S25 7	70133	(d\$2mux   de\$1multiplex\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:05
S25 8	918	S238 same S257	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:44
S25 9	35	S254 & S258	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:46
S26 0	34	S243 & S258	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 14:46
S26 1	5	("6566643"   "6700562"   "6806854"   "7034276"   "7154488").PN. OR ("7193602").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/25 14:59
S26 2	10425	((d\$2mux   de\$1multiplex\$3) with (control\$4   select\$3   switch\$3) near3 (signal\$1   line\$1   wire\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:07
S26 3	4762	((d\$2mux   de\$1multiplex\$3) with (control\$4   select\$3   switch\$3) near3 (signals   lines   wires))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:07
S26 4	1	S254 same S263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:10
S26 5	1	S251 same S263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:09
S26 6	0	S243 same S263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 16:16
S26 7	3	S254 & S263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:12
S26 8	13	S251 & S263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 15:13

## EAST Search History

S26 9	10	S268 not S267	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 16:17
S27 0	174	S243 & S263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 16:16
S27 1	172	S270 not (S267   S268)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/25 16:17
S27 2	17	("20020047581"   "20020118150"   "20040041769"   "5426447"   "5510807"   "5686936"   "5708454"   "6229506"   "6229508"   "6362798"   "6369786"   "6580408"   "6650060"   "6731266"   "6760005"   "6809482").PN. OR ("7057589").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/25 17:05
S27 3	17	("20020047581"   "20020118150"   "20040041769"   "5426447"   "5510807"   "5686936"   "5708454"   "6229506"   "6229508"   "6362798"   "6369786"   "6580408"   "6650060"   "6731266"   "6760005"   "6809482").PN. OR ("7057589").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/25 17:20
S27 4	17	("20020047581"   "20020118150"   "20040041769"   "5426447"   "5510807"   "5686936"   "5708454"   "6229506"   "6229508"   "6362798"   "6369786"   "6580408"   "6650060"   "6731266"   "6760005"   "6809482").PN. OR ("7057589").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/25 17:21